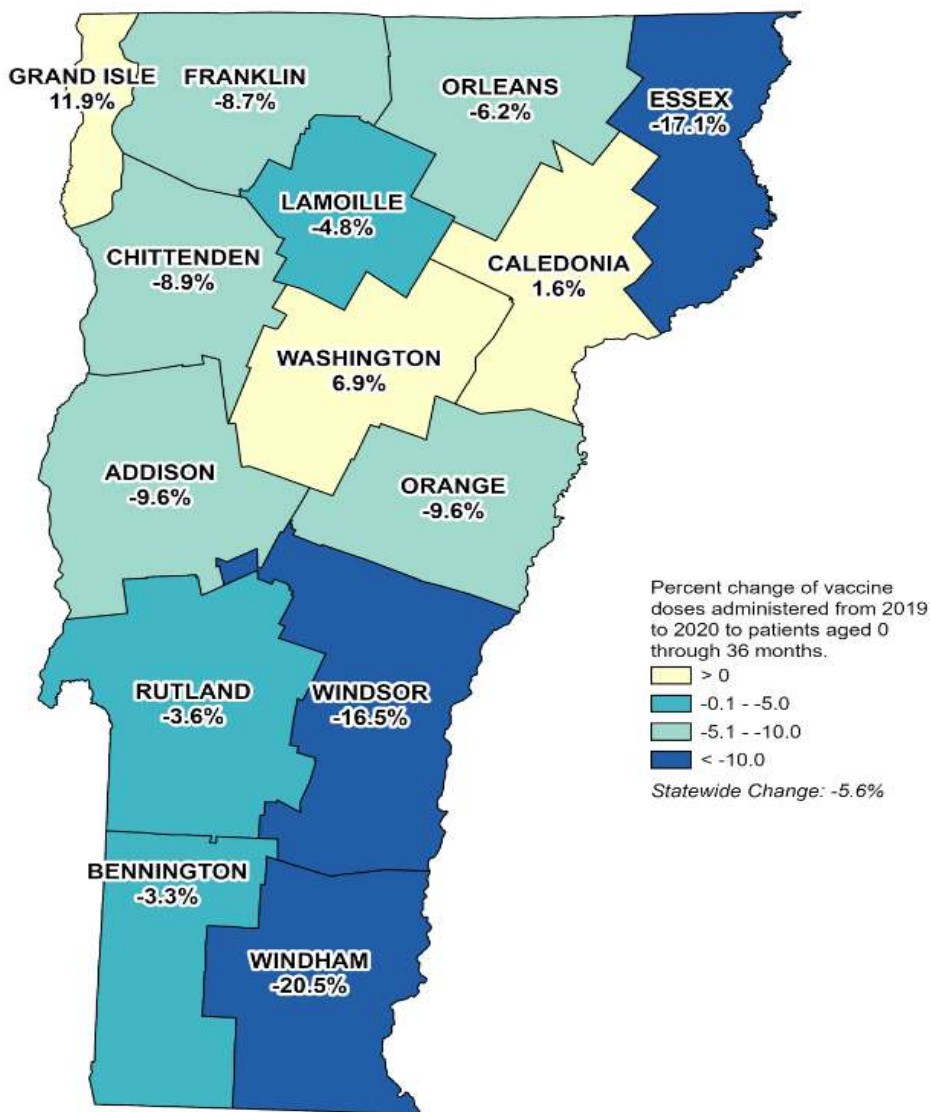


The COVID-19 pandemic has hampered global efforts to protect children against vaccine preventable diseases like measles, pertussis, and hepatitis, and the impact can also be seen in Vermont. This brief looks at the change in immunizations reported among young Vermonters from 2019 to 2020, the time-period most likely impacted by COVID-19.

Infants and Toddlers (0-36 months)

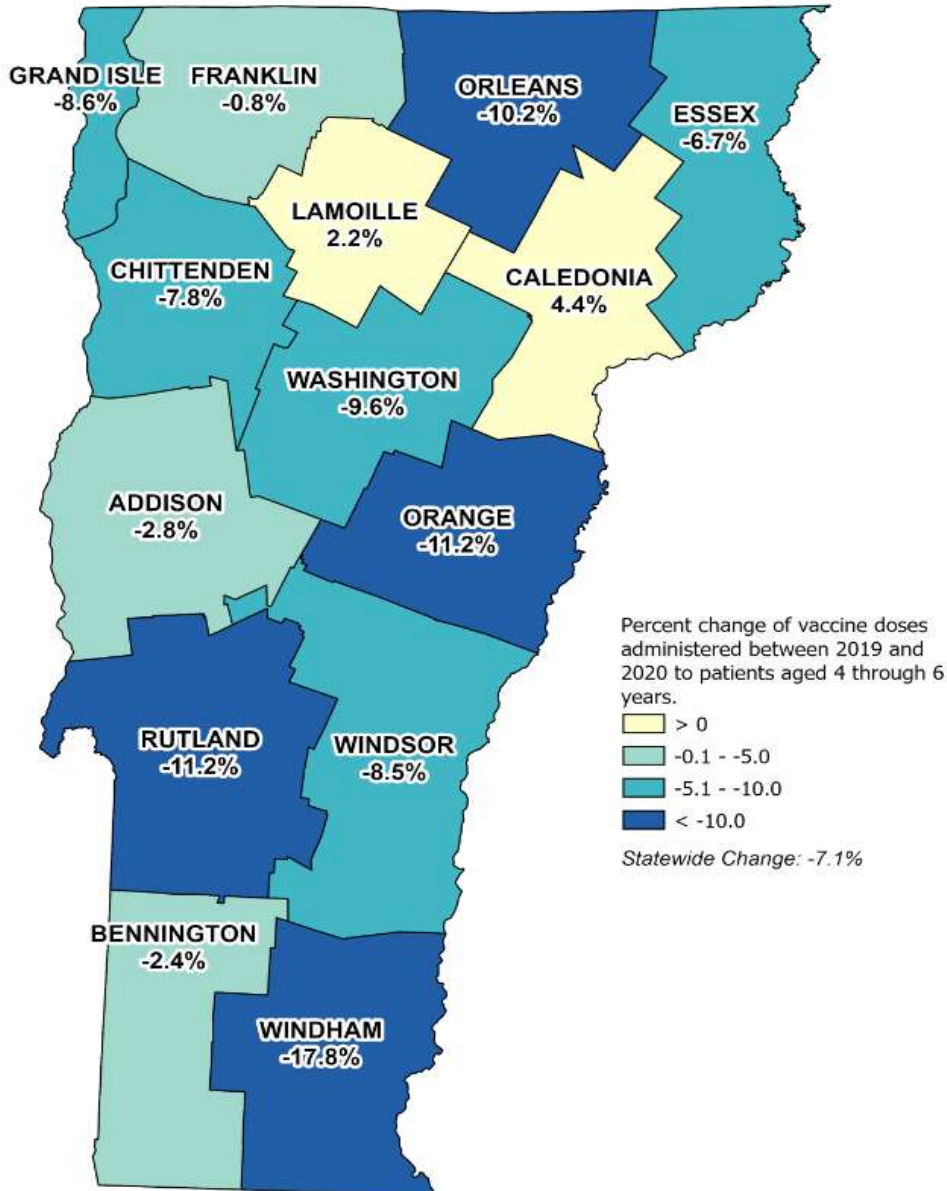
Key immunizations in this age group: Diphtheria, Tetanus, and Pertussis (DTaP), Polio (IPV), Hepatitis B (HepB), Haemophilus Influenza Type B (Hib), Measles, Mumps, and Rubella (MMR), Varicella, Pneumococcal conjugate, Hepatitis A (HepA), Rotavirus, and Influenza.



In 2019, Vermont providers reported 116,184 immunizations to children ages 3 and under. In 2020, providers reported 109,630 immunizations in this age group, a decrease of 5.6%.

Young Children (4-6 years)

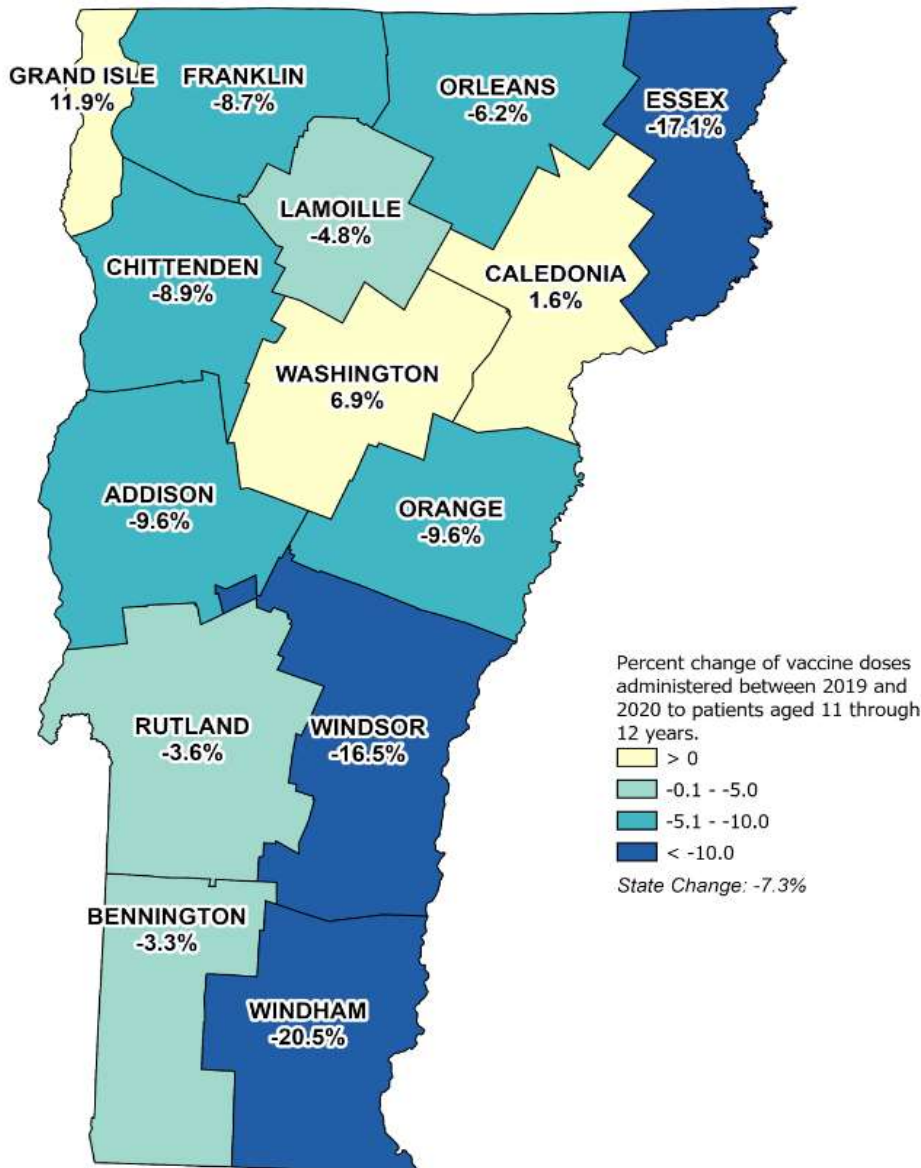
Key immunizations in this age group: DTaP, IPV, MMR, Varicella, and Influenza.



In 2019, Vermont providers reported 25,819 immunizations among children ages 4 to 6. In 2020, providers reported 23,984 vaccinations in this age group, a decrease of 7.1%.

Pre-teens (11-12 years)

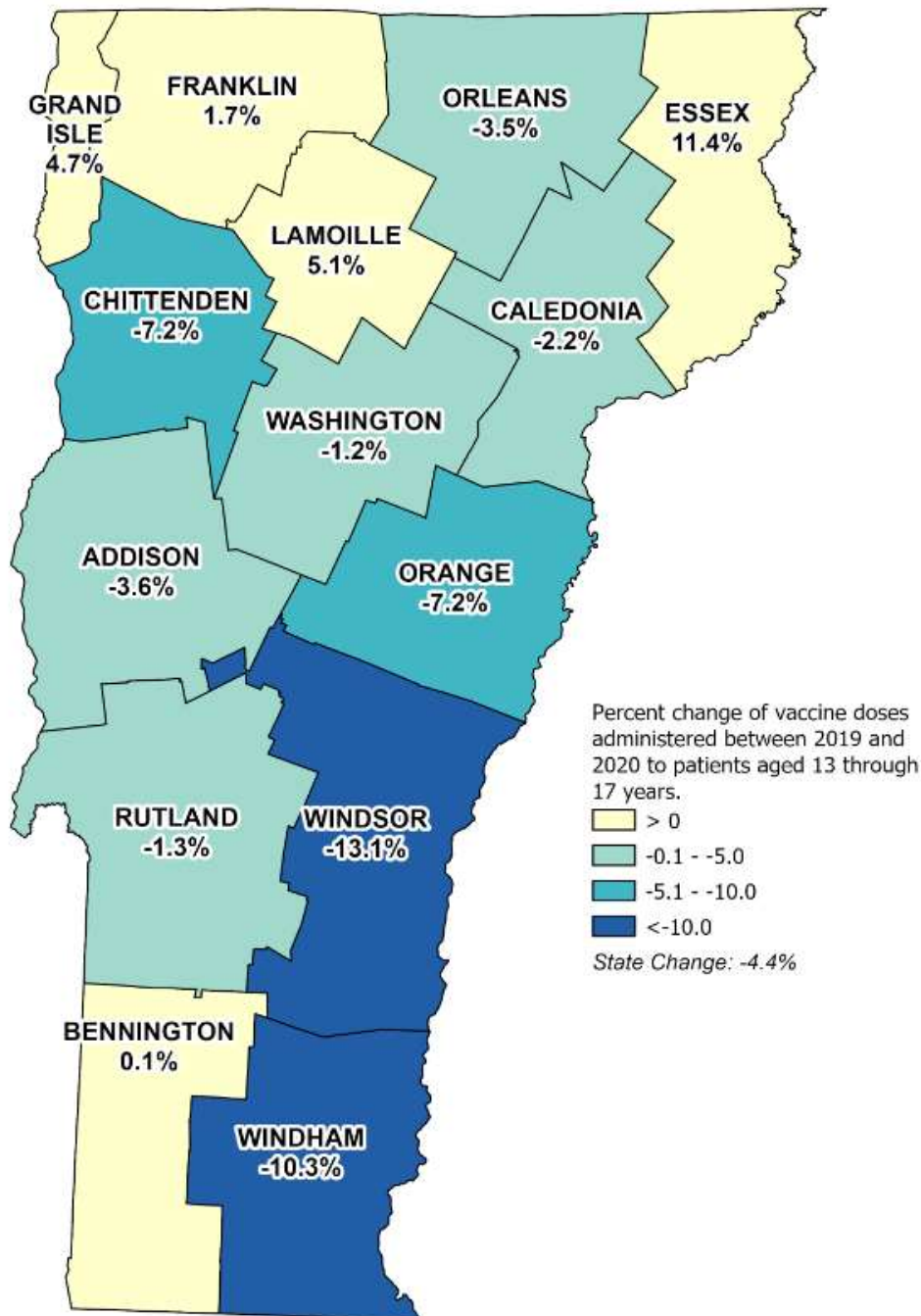
Key Immunizations in this age group: Diphtheria, Tetanus, and Pertussis (Tdap), HPV, Meningococcal, Human Papilloma Virus (HPV), and Influenza.



In 2019, Vermont providers reported 26,854 immunizations given to youth 11-12 years of age. In 2020, providers reported 24,904 vaccinations in this age group. This is a 7.3% decrease in the number of immunizations administered.

Teenagers (13-17 years)

Key Immunizations in this age group: Tdap, Meningococcal, HPV, and Influenza.



In 2019, Vermont providers reported 26,651 immunizations administered to youth 13-17 years of age. In 2020, providers reported 25,479 immunizations. This is a 4.4% decrease in the number of immunizations given.

Vaccine Doses Administered, 2020 and 2019 Comparison
Vermont Residents, Overall and by County
0 through 36 months of age

<u>County</u>	<u>2020</u>	<u>2019</u>	<u>Difference</u>	<u>Pct Diff.</u>
Addison	6,165	6,733	-568	-8.4%
Bennington	6,222	6,669	-447	-6.7%
Caledonia	4,738	5,060	-322	-6.4%
Chittenden	30,826	32,434	-1,608	-5.0%
Essex	703	782	-79	-10.1%
Franklin	10,590	10,491	99	0.9%
Grand Isle	1,162	1,149	13	1.1%
Lamoille	4,789	4,664	125	2.7%
Orange	4,442	4,819	-377	-7.8%
Orleans	5,359	5,574	-215	-3.9%
Rutland	9,664	10,438	-774	-7.4%
Washington	9,610	10,812	-1,202	-11.1%
Windham	5,971	6,955	-984	-14.1%
Windsor	9,389	9,604	-215	-2.2%
Statewide	109,630	116,184	-6,554	-5.6%

Vaccine Doses Administered, 2020 and 2019 Comparison
Vermont Residents, Overall and by County
4 through 6 years of age

<u>County</u>	<u>2020</u>	<u>2019</u>	<u>Difference</u>	<u>Pct Diff.</u>
Addison	1,366	1,406	-40	-2.8%
Bennington	1,367	1,400	-33	-2.4%
Caledonia	1,204	1,153	51	4.4%
Chittenden	6,857	7,437	-580	-7.8%
Essex	168	180	-12	-6.7%
Franklin	2,110	2,127	-17	-0.8%
Grand Isle	256	280	-24	-8.6%
Lamoille	1,134	1,110	24	2.2%
Orange	1,093	1,231	-138	-11.2%
Orleans	938	1,045	-107	-10.2%
Rutland	2,007	2,260	-253	-11.2%
Washington	2,238	2,477	-239	-9.6%
Windham	1,341	1,631	-290	-17.8%
Windsor	1,905	2,082	-177	-8.5%
Statewide	23,984	25,819	-1,835	-7.1%

Data Source: Vermont Immunization Registry. Data are as of February 10, 2021.

Vaccine Doses Administered, 2020 and 2019 Comparison
Vermont Residents, Overall and by County
11 through 12 years of age

<u>County</u>	<u>2020</u>	<u>2019</u>	<u>Difference</u>	<u>Pct Diff.</u>
Addison	1,293	1,431	-138	-9.6%
Bennington	1,510	1,561	-51	-3.3%
Caledonia	1,295	1,275	20	1.6%
Chittenden	6,681	7,332	-651	-8.9%
Essex	175	211	-36	-17.1%
Franklin	1,904	2,085	-181	-8.7%
Grand Isle	339	303	36	11.9%
Lamoille	1,117	1,173	-56	-4.8%
Orange	1,316	1,456	-140	-9.6%
Orleans	1,021	1,088	-67	-6.2%
Rutland	2,289	2,374	-85	-3.6%
Washington	2,519	2,356	163	6.9%
Windham	1,397	1,757	-360	-20.5%
Windsor	2,048	2,452	-404	-16.5%
<i>Statewide</i>	<i>24,904</i>	<i>26,854</i>	<i>-1,950</i>	<i>-7.3%</i>

Vaccine Doses Administered, 2020 and 2019 Comparison
Vermont Residents, Overall and by County
13 through 17 years

<u>County</u>	<u>2020</u>	<u>2019</u>	<u>Difference</u>	<u>Pct Diff.</u>
Addison	1,352	1,403	-51	-3.6%
Bennington	1,625	1,624	1	0.1%
Caledonia	1,473	1,506	-33	-2.2%
Chittenden	7,141	7,696	-555	-7.2%
Essex	195	175	20	11.4%
Franklin	1,938	1,906	32	1.7%
Grand Isle	268	256	12	4.7%
Lamoille	1,182	1,125	57	5.1%
Orange	1,189	1,281	-92	-7.2%
Orleans	996	1,032	-36	-3.5%
Rutland	2,277	2,308	-31	-1.3%
Washington	2,416	2,445	-29	-1.2%
Windham	1,329	1,481	-152	-10.3%
Windsor	2,098	2,413	-315	-13.1%
<i>Statewide</i>	<i>25,479</i>	<i>26,651</i>	<i>-1,172</i>	<i>-4.4%</i>

Data Source: Vermont Immunization Registry. Data are as of February 10, 2021.

For more information, contact the Vermont Immunization Registry IMR@vermont.gov or (888) 688-4667.